

CATALOGUE

OF THE

University of North Carolina,

AT

CHAPEL HILL.

NINETIETH YEAR,

1884-'85.



RALEIGH:

EDWARDS, BROUGHTON & CO., STEAM POWER PRINTERS AND BINDERS.
1885.

CALENDAR.

CURRENT ACADEMIC YEAR, (1884-'85.)

1884.

- Aug. 28. Beginning of Collegiate Year.
Aug. 28-30. Examination of Applicants for Admission.
Oct. 12. ANNIVERSARY OF THE FOUNDATION OF THE UNIVERSITY.
Nov. 27. Thanksgiving.
Dec. 22. End of First Term.

1885.

- Jan. 5. Beginning of Second Term.
Feb. 22. WASHINGTON'S BIRTHDAY.
June 2. Meetings of the two Literary Societies.
June 3. DEDICATION OF MEMORIAL HALL; Address before the Literary Societies; Baccalaureate Sermon; Addresses by the Society Representatives.
June 4. COMMENCEMENT DAY.

NEXT ACADEMIC YEAR, (1885-'86.)

1885.

- Aug. 27. Beginning of Collegiate Year.
Aug. 27-29. Examination of Applicants for Admission.

BOARD OF TRUSTEES.

HIS EXCELLENCY, ALFRED M. SCALES, *Governor and President ex officio.*
HON. WM. L. SAUNDERS, *Secretary.*

TERM EXPIRES NOV. 30, 1885.

Col. JAMES S. AMIS,	Granville.
RICHARD H. BATTLE, Esq.,	Wake.
JULIAN S. CARR, Esq.,	Durham.
W. H. DAY, Esq.,	Halifax.
W. J. EWING, M. D.,	Montgomery.
Hon. A. S. MERRIMON, LL. D.,	Wake.
JOHN S. HENDERSON, Esq.,	Rowan.
WM. E. HILL, Esq.,	Duplin.
W. H. JOHNSTON, Esq.,	Edgecombe.
*Rev. L. R. MCABOY, D. D.,	Polk.
REUBEN MCBRAYER, Esq.,	Cleveland.
Hon. M. MCGEHEE,	Person.
Col. PAUL B. MEANS,	Cabarrus.
M. H. PINNIX, Esq.,	Davidson.
Hon. CHARLES PRICE,	Rowan.
J. H. THORPE, Esq.,	Nash.

TERM EXPIRES NOV. 30, 1887.

Rev. A. D. BETTS,	N.C. Conference.
Hon. R. R. BRIDGERS,	New Hanover.
Hon. RALPH P. BUXTON,	Cumberland.
Hon. GEORGE DAVIS, LL. D.,	New Hanover.
Hon. W. T. FAIRCLOTH,	Wayne.
N. P. FOARD, Esq.,	Surry.
Hon. JOHN A. GILMER,	Guilford.
Maj. JOHN W. GRAHAM,	Orange.
H. A. GUDGER, Esq.,	Buncombe.
F. M. JOHNSTON, Esq.,	Davie.
Hon. JAMES M. LEACH,	Davidson.

*Deceased.

Hon. JOHN MANNING, LL. D.,	Orange.
D. P. McEACHERN, Esq.,	Robeson.
R. B. PEEBLES, Esq.,	Northampton.
Hon. JAMES L. ROBINSON,	Macon.
W. J. YATES, Esq.,	Mecklenburg.

TERM EXPIRES NOV. 30, 1889.

Hon. C. M. COOKE,	Franklin.
Hon. J. J. DAVIS,	Franklin.
Col. G. N. FOLK,	Caldwell.
EUGENE GRISSOM, M. D., LL. ^h D.,	Wake.
KERR CRAIGE, Esq.,	Rowan.
C. W. HOLLOWELL, Esq.,	Pasquotank.
Rev. NEILL McKAY, D. D.,	Harnett.
JAMES M. MULLEN,	Halifax.
Col. H. B. SHORT,	Columbus.
Hon. W. L. STEELE,	Richmond.
Rev. J. L. STEWART,	Sampson.
Col. S. McD. TATE,	Burke.
Hon. C. R. THOMAS,	Craven.
Hon. R. B. VANCE,	Buncombe.
JOSEPH WILLIAMS, Esq.,	Yadkin.
Rev. N. H. D. WILSON, D. D.,	Guilford.

TERM EXPIRES NOV. 30, 1891.

Hon. KEMP P. BATTLE, LL. D.,	Orange.
JAMES S. BATTLE, Esq.,	Nash.
ROBERT S. BEALL, M. D.,	Caldwell.
CHARLES W. BROADFOOT, Esq.,	Cumberland.
HENRY R. BRYAN, Esq.,	Craven.
Hon. PAUL C. CAMERON,	Orange.
Maj. JOHN D. CAMERON,	Buncombe.
E. HAYNE DAVIS, Esq.,	Iredell.
BENJAMIN F. GRADY, Esq.,	Duplin.
WM. J. HAWKINS, M. D.,	Wake.
Hon. THOMAS S. KENAN,	Wilson.
WILLIAM N. MEBANE, Esq.,	Rockingham.
A. HAYWOOD MERRITT, Esq.,	Chatham.
Col. JAMES T. MOREHEAD,	Guilford.
Hon. ZEBULON B. VANCE, LL. D.,	Mecklenburg.
Rev. CALVIN H. WILEY, D. D.,	Forsyth.

ADDITIONAL TRUSTEES,

To be by law "from points conveniently accessible to the Seat of Government and the University."

TERM EXPIRES NOV. 30, 1885.

A. M. LEWIS, Esq.,	Wake.
E. R. PAGE, Esq.,	Jones.
Hon. DANIEL L. RUSSELL,	New Hanover.
JOHN E. WOODARD, Esq.,	Wilson.

TERM EXPIRES NOV. 30, 1887.

Col. W. H. S. BURGWYN,	Vance.
Hon. THOMAS M. HOLT,	Alamance.
A. M. LEWIS, Esq.,	Wake.
GEORGE WILLIAMSON, Esq.,	Caswell.

TERM EXPIRES NOV. 30, 1889.

JAMES A. GRAHAM, Esq.,	Alamance.
Hon. THOMAS J. JARVIS,	Pitt.
ISAAC R. STRAYHORN, Esq.,	Orange.
Hon. GEORGE V. STRONG,	Wake.

TERM EXPIRES NOV. 30, 1891.

FABIUS H. BUSBEE, Esq.,	Wake.
W. W. LENOIR, Esq.,	Watauga.
J. EDWIN MOORE, Esq.,	Martin.
Hon. WM. L. SAUNDERS,	Wake.

EXECUTIVE COMMITTEE.

HIS EXCELLENCY, ALFRED M. SCALES, CHAIRMAN *ex officio*.

HON. PAUL C. CAMERON.

RICHARD H. BATTLE, Esq.

JULIAN S. CARR, Esq.

EUGENE GRISSOM, M. D., LL. D.

A. M. LEWIS, Esq.

HON. WM. L. SAUNDERS.

HON. GEORGE V. STRONG.

COMMITTEE OF VISITATION FOR 1885.

Rev. N. H. D. WILSON, D. D.,	.....	Raleigh.
Rev. C. H. WILEY, D. D.,	.....	Winston.
H. A. GUDGER, Esq.,	.....	Asheville.
Col. H. B. SHORT,	.....	Waccamaw.
Hon. J. L. ROBINSON,	.....	Franklin.
J. EDWIN MOORE, Esq.,	.....	Williamston.
W. W. LENOIR, Esq.,	.....	Shull's Mill.

FACULTY, INSTRUCTORS AND OFFICERS.

HON. KEMP P. BATTLE, LL. D.,
PRESIDENT.

FACULTY.

(IN ORDER OF OFFICIAL SENIORITY.)

HON. KEMP P. BATTLE, LL. D., Δ
Professor of Political Economy, Constitutional and International Law.

REV. CHARLES PHILLIPS, D. D., LL. D., Δ
Professor Emeritus of Mathematics.

J. DEBERNIERE HOOPER, A. M., Δ
Professor of Greek and French.

REV. ADOLPHUS W. MANGUM, A. M., D. D., Δ
Professor of Moral Philosophy, History, and English Literature.

$\times \phi$ RALPH HENRY GRAVES, B. SC., C. AND M. E. ϕ
Professor of Mathematics.

$\times \phi$ GEORGE TAYLOE WINSTON, ϕ
Professor of Latin and German.

ΔKE FRANCIS PRESTON VENABLE, PH. D., F. C. S., ϕ
Professor of General, Agricultural and Analytical Chemistry.

JOSEPH AUSTIN HOLMES, B. AGR., (CORNELL), ϕ
Professor of Geology and Natural History.

ΔA JOSHUA WALKER GORE, C. E., ϕ
Professor of Natural Philosophy and Engineering.

EMILE ALEXANDER DESCHWEINITZ, A. B., Δ
Assistant in Chemical Laboratory and Mineralogy.

ALBERT LUCIEN COBLE, A. B., Δ
Assistant in Mathematics.

THOMAS W. HARRIS, A. M., M. D., Δ
Professor of Anatomy and Materia Medica.




HON. JOHN MANNING, LL. D., ϕ
Professor of Law.

INSTRUCTORS.



 JAMES R. MONROE, 
English.




 BERRIE C. McIVER, 
Greek.


 SOLOMON C. WEILL, 
Latin.

OFFICERS.

ALFRED D. WARD, 
Librarian.

W. T. PATTERSON, 
Bursar and Secretary to the Faculty.

The following Professors will be elected before the beginning of the next session (1885-'86), which will greatly modify the distribution and scope of instruction by the present Faculty :

- Professor of English.
- Professor of Modern Languages.
- Professor of Agricultural Chemistry and Metallurgy.
- Professor of Art of Teaching.
- Assistant Professor of Mathematics.
- Assistant Professor of Natural History.
- Assistant Professor of Engineering.

PROGRESS AT THE UNIVERSITY OF NORTH CAROLINA.

1. A grand Memorial Hall has been built by the generosity of alumni and friends, giving the University the finest auditorium in the South.

2. A large and handsomely appointed Gymnasium has been fitted up to afford the students every opportunity for exercise and physical development.

3. The library has been fitted with alcoves, the books, hitherto inaccessible, conveniently arranged, and large additions to them are in contemplation.

4. Arrangements have been made for a General Reading Room freely accessible to students and faculty, and containing all of the leading papers and periodicals of the day.

5. Four new professors and two assistant professors have been elected, thus greatly increasing the teaching force and affording means for a breadth and thoroughness of instruction not hitherto possible.

6. Mineralogical, Botanical and Zoological and Physical Laboratories have been fitted up and instruments and conveniences for working are added every year.

7. By gifts from the Government and from private individuals, many hundred specimens have been added to the Museum and Industrial collections.



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ADVANTAGES OFFERED

BY THE

University of North Carolina.

1. The University is delightfully situated in one of the most beautiful and healthy locations of the State—easy of access from all quarters.

2. The expenses are lower than at any other high grade institution in the South.

3. The moral tone of the Institution is excellent. Disorder, dissipation and vice are put down by the united action of students and faculty.

4. The collegiate courses are thorough and a high standard of scholarship is maintained. Wide choice of subjects is allowed to those capable of making a choice, instruction being given in all of the useful branches of literature, science and art.

5. Special attention is paid to studies relating to Agriculture and the Mechanic Arts. There is also a thoroughly equipped course in Normal Instruction, offering to teachers all the advantages of a permanent Normal School.

6. Full and complete post-graduate courses have been arranged looking to advanced degrees, and students can carry on their studies after the regular collegiate course or make specialties of one or more branches.

7. The Department of Law has been put upon a substantial footing, the Professor of Law being made a member of the faculty, and every advantage in legal instruction is offered which can be had at other institutions.

ENLARGEMENT OF THE UNIVERSITY.

Since the publication of the catalogue, the Trustees of the University of North Carolina have elected six new Professors to fill the additional chairs provided for by the last Legislature. Besides these, an Assistant Professor of Engineering and Physics will be elected at an early date.

The following is the

FACULTY OF THE UNIVERSITY:

HON. KEMP P. BATTLE, LL. D.,
PRESIDENT.

FACULTY.

(IN ORDER OF OFFICIAL SENIORITY.)

HON. KEMP P. BATTLE, LL. D.,
Professor of Political Economy, Constitutional and International Law.

REV. CHARLES PHILLIPS, D. D., LL. D.,
Professor Emeritus of Mathematics.

J. DEBERNIERE HOOPER, A. M.,
Professor of the Greek Language and Literature.

REV. ADOLPHUS W. MANGUM, A. M., D. D.,
Professor of Mental and Moral Philosophy.

RALPH HENRY GRAVES, B. SC., C. AND M. E.,
Professor of Mathematics.

GEORGE TAYLOE WINSTON,
Professor of the Latin Language and Literature.

FRANCIS PRESTON VENABLE, PH. D., F. C. S.,
Professor of General and Analytical Chemistry.

JOSEPH AUSTIN HOLMES, B. AGR., (CORNELL),
Professor of Geology and Natural History.

UNIVERSITY OF NORTH CAROLINA.

JOSHUA WALKER GORE, C. E.,
Professor of Natural Philosophy and Engineering.

HON. JOHN MANNING, LL. D.,
Professor of Law.

REV. THOMAS HUME, JR., M. A., D. D.,
Professor of the English Language and Literature

NELSON B. HENRY,
Professor of the Science and Art of Teaching.

WALTER D. TOY, M. A.,
Professor of Modern Languages.

WILLIAM B. PHILLIPS, A. B., PH. D.,
Professor of Agricultural Chemistry and Mining.

JAMES LEE LOVE, A. B.,
Assistant Professor of Mathematics.

GEORGE F. ATKINSON,
Assistant Professor of Natural History.

THOMAS W. HARRIS, A. M., M. D.,
Professor of Anatomy and Materia Medica.

----- (To be elected),
Assistant Professor of Engineering and Physics.

COURSES OF STUDY.

All the Courses of Study will be re-arranged, enlarged and strengthened before the beginning of the session, and post-graduate instruction will be offered in all studies.

THE NORMAL SCHOOL.

A thoroughly equipped course of Normal Instruction for the training of teachers will offer all the advantages of a permanent Normal School. The instruction will begin in September, and will include both theoretical instruction and practice in teaching.

GENERAL INFORMATION.

The University of North Carolina was established in obedience to a clause of Section XLI of the Constitution of the State, adopted on the 18th of December, 1776, viz: "All useful learning shall be duly encouraged and promoted in one or more Universities."

The charter was granted in 1789. On October 12th, 1793, the corner-stone of the first building, the "Old East," was laid by William Richardson Davie, afterwards Governor. The doors were opened for students in February, 1795. The buildings are now nine in number, with ample dormitories, recitation rooms and public halls.

The University is situate at Chapel Hill, twenty-eight miles from Raleigh, the seat of government, and is reached by a branch of the North Carolina Railroad from University Junction, on which daily trains run.

Its government is under the control of a Board of eighty Trustees, elected by the joint vote of the General Assembly. Of these, one-fourth go out of office, and their places are filled every two years. Although not so required by law, in practice they are distributed among the Congressional Districts. The Board meets regularly twice a year; in the winter at Raleigh, on a day selected by the chairman, and in the summer at Chapel Hill, during Commencement week. The former is called the Annual Meeting. The Governor is *ex officio* chairman of the Board. Ten constitute a quorum. During the recess of the Board, an Executive Committee of seven Trustees, elected at the annual meeting, exercises all the powers of the Board of Trustees, except those specially prohibited.

DISCIPLINE.

The discipline of the institution is designed to prevent irregularities and excesses which conflict with the improve-

ment of its members. The laws require faithful attention to duty and abstinence from everything that may interrupt or disturb study. Students will be required to observe decorum and courtesy towards each other at all times. They will not be allowed to retain in their possession during their connection with the University any pistol or other dangerous weapon.

The Faculty will remove from the University any student who is negligent of his duties, or exerts an evil influence over his fellows.

The practice of *hazing* in all its forms is strictly prohibited. The two literary societies have passed joint resolutions to co-operate with the Faculty in securing its suppression.

EXAMINATIONS AND REPORTS.

Each student is required to attend, on an average, three class exercises daily. In addition to the daily recitations and lectures, systematic written examinations are held from time to time on the various studies, and, at the close of each term, comprehensive and searching final examinations are held on all the studies pursued during the term.

Regular monthly reports are made to parents concerning the punctuality and diligence of the students, and detailed reports of scholarship are made at the close of each term.

LITERARY SOCIETIES.

In connection with the University are the Dialectic and Philanthropic Literary Societies, to one of which each student is expected to attach himself. The halls and libraries of these societies are commodious and elegantly furnished. The libraries contain each over seven thousand volumes, including history, biography, poetry, science, philosophy and the standard English and American reviews and magazines. Each society owns many valuable portraits and a considerable museum of curiosities and minerals.

The exercises of these societies and access to their libraries deserve to be ranked among the advantages offered by the University. They afford practice in debating and writing, and familiarize the students with the rules of order governing deliberative assemblies.

RELIGIOUS SERVICES.

The students are expected to attend the Sunday Bible classes, the daily morning prayers in the University chapel, and the Sunday services in the several churches in the village.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is a branch of the Young Men's Christian Association among the students. It has many members of spirit and activity, and its influence for good is very marked. Regular meetings are held every Sunday afternoon, and prayer-meetings each evening during the week, in one of the University halls set apart for the purpose.

MUSEUMS.

THE UNIVERSITY MUSEUM occupies the large hall on the third floor of the East Building. Here the cabinets of the various departments have been brought together and arranged. The Geological and Mineralogical collection includes the "Vienna Cabinet," which alone comprises over two thousand specimens from all parts of the world; a large collection of minerals, rocks and fossils, collected by the late Dr. Emmons, when State Geologist, donated to the University by the State; and much material secured through the kindness of the late State Geologist, Prof. Kerr; a set of North Carolina marls, now so extensively known as fertilizers; samples of mica, gold and other minerals, and of building stones found within the State.

THE ZOOLOGICAL COLLECTION includes a cabinet of in-

sects collected in the vicinity of Chapel Hill, containing rare and valuable species, and a large number of reptiles, fishes and marine invertebrates, preserved in alcohol.

IN BOTANY, besides an Herbarium of the local flora, there is a fine set of native woods, carefully prepared and labeled ; and a large collection of seeds, grains and fibres from many countries, which will be employed in the experiments of the students in Botany.

Under the head of the Department of Chemistry will be found an account of the INDUSTRIAL AND AGRICULTURAL MUSEUM.

LIBRARIES.

The libraries of the two societies have been already mentioned. The University library contains about eight thousand volumes and two thousand pamphlets. It is especially useful to students of history and language. Its French and English editions of the classics and books illustrating Greek and Roman history, antiquities and mythology, are rare and valuable.

The Trustees have recently resolved to make large additions to the library. Its spacious hall has been divided into alcoves for the accommodation of the books to be procured.

MEDALS AND PRIZES.

GREEK MEDALS.—In the second Greek class, gold medals, each valued at fifteen dollars, are offered ; one, to the best scholar ; the other, to that member of the class who shall have made the greatest improvement since entering the University, and who shall be adjudged the best student of a grade above eighty-five.

MEDAL FOR ORATORY.—The Misses Mangum, of Orange, offer *in memoriam* of their father, Willie P. Mangum, a gold medal as a prize for the best oration, at the annual Commencement.

THE MATHEMATICAL PRIZE.—A prize worth thirty dollars is offered in honor of Dr. James Phillips and Dr. Charles Phillips, by the sons of the latter. It will be awarded to the member of the second class in Mathematics who attains the highest proficiency above a certain absolute standard.

THE ENGLISH MEDAL.—A lady offers a gold medal to the member of the Senior Class that shall write the best English essay. The terms of the competition are announced to the class by the Professor of English Literature.

THE MORAL SCIENCE MEDAL.—Mr. David G. Worth, of Wilmington, offers a medal for the best scholarship in Moral Science.

THE B. F. MOORE SCHOLARSHIPS.

The late B. F. Moore, of Raleigh, bequeathed \$5,000 in U. S. Bonds, the interest of which is to be devoted to paying the tuition of students.

THE DEEMS FUND.

This Fund was instituted by the Rev. Dr. Deems, pastor of the Church of the Strangers, New York, as a memorial of his son, Lieutenant Theodore Disosway Deems, who was born at Chapel Hill while his father was in the Faculty of the University. It is intended to assist needy students by loans. In 1881 it was greatly enlarged through the munificence of Mr. William H. Vanderbilt. On the 1st of February, 1884, there were notes amounting to \$13,976.27, representing current loans to students. To that date seventy-three students had been helped by the fund. As payments are made, new loans will be made to applicants who meet the requirements. They must come with good recommendations for character; or, if members of the University, must have demonstrated to the Faculty that they are worthy of assistance. The loans are made at six per cent. interest, on satisfactory security, and for a sufficient length of time to make the payments easy.

ANNUAL EXPENSES.

Tuition (including room and attendance)	\$85 00	----	\$ 85 00
Deposit for repairs	2 00	----	2 00
Washing	9 00	----	9 00
Board	72 00	to. 121 50	
Wood	3 50	to. 10 50	
Lights	1 00	to. 2 00	
Books	7 00	to. 14 00	
Total	\$179 50		\$244 00

To these items must be added others which will be determined by the habits of the students themselves, viz: travelling expenses, clothing, furniture of room, pocket money and fees in one of the literary societies. Books and stationery will be furnished at New York retail prices.

During the present session many students, by forming clubs, obtained board at cost, being not more than \$8.00 per month.

The fees for tuition and repairs must be paid in advance. The Faculty earnestly advises parents to send the money necessary for defraying the expenses of their sons to W. T. Patterson, Esq., Bursar, who will safely keep and pay out the same without charge. Pains will be taken to confine the expenses of education at the University within reasonable limits. If the provisions of the Acts concerning the University, in The Code, are faithfully observed, parents and guardians may feel confident that this desirable result will be secured.

STATE STUDENTS.

By section 2633 of The Code of North Carolina, "It shall be the privilege of the board of county commissioners, in each county in this State, forever to select annually one native of the State, resident in said county, of good moral

character and capacity for usefulness, without the requisite means to defray the necessary expenses of education, who shall be admitted to any classes in the University for which he may be prepared, free of all charges for tuition and room rent, so that each county may always have one representative."

By section 2634 of The Code, it is required that the applicant for the county appointment shall prove, by his own oath, and at least one other creditable witness, that neither he nor his parents or guardian, nor either of them, have the requisite means to defray his tuition and room rent.

BEGINNING OF THE SESSION.

The annual session begins regularly on the last Thursday in August and ends on the first Thursday in June. There is an intermission of about a week at Christmas.

REQUISITES FOR MATRICULATION.

For admission into the University such preparation is required as will enable each student to pursue with advantage the course which he may select. As a rule, each matriculate must be sixteen years of age. Exceptions may be allowed at the discretion of the Faculty.

EXAMINATION FOR ENTRANCE.

IN LATIN.—Cæsar's Gallic War (6 books), Virgil's *Æneid* (4 books), Cicero's Select Orations. Equivalent amounts from other authors will be accepted. Applicants must exhibit some acquaintance with Roman History and Geography. A thorough knowledge of forms is indispensable.

IN GREEK.—Grammar (Goodwin's, Curtius', or Hadley's), Leighton's or White's Greek Exercises, Xenophon's *Anabasis* (3 books).

[Applicants for Classical course will be required to exhibit general acquaintance with Ancient History, Geography and Mythology].

IN MATHEMATICS.—Arithmetic, Algebra (to Equations of Second Degree).
IN ENGLISH.—English Grammar, History of the United States, Outlines of General History, Modern Geography.

Applicants wishing to pursue the Classical course are examined in all the above studies. Those desiring to take

the Philosophical course are examined in Latin or Greek, according to selection made, Mathematics and English. For the Scientific course the applicants are examined in Mathematics and English.

Optional students, in such of the above as relate to the studies they select.

For admission into advanced classes, applicants will be examined in the studies completed by the classes they wish to join.

COURSES OF STUDY.

The Faculty recommends one of the following courses of study:

[The figures in parentheses denote the number of recitations or lectures per week.]

1.—CLASSICAL COURSE.

This leads to the degree of Bachelor of Arts, (A. B.)

FIRST YEAR.—Algebra and Geometry (5), Latin (4), Greek (4), Rhetoric and History (2). Six lectures on Hygiene.

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Latin (4), Greek (4), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (3), Logic and Rhetoric (2), Elocution (1), Geology and Mineralogy or Surveying (3), and three hours a week of the elective studies published below.

FOURTH YEAR.—Mechanics and Astronomy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), Psychology and Moral Philosophy (2), and three hours a week of the elective studies published below.

ELECTIVE STUDIES (for the 3rd and 4th years).—Calculus (3), Natural History (3), Industrial and Agricultural Chemistry (3), Qualitative Analysis (2), Quantitative Analysis (3), Business Law (1), Science of Teaching (1), Latin (3), Greek (3), French (2), German (3), Surveying and Engineering (3).

2.—PHILOSOPHICAL COURSE.

This leads to the degree of Bachelor of Philosophy, (Ph. B.)

FIRST YEAR.—Algebra and Geometry, (5) Latin or Greek (4), French (3), Rhetoric and History (2). Six lectures on Hygiene.

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Latin or Greek (4), German (3), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (3), Logic and Rhetoric (2), Elocution (1), Geology and Mineralogy or Surveying (3), and three hours a week of the elective studies published below.

FOURTH YEAR.—Mechanics and Astronomy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), Psychology and Moral Philosophy (2), and three hours a week of the elective studies published below.

ELECTIVE STUDIES (for the 3d and 4th years).—Calculus (3), Natural History (3), Industrial and Agricultural Chemistry (3), Qualitative Analysis (2), Quantitative Analysis (3), Business Law (1), Science of Teaching (1), Latin (3), Greek (3), French (2), German (3), Surveying and Engineering (3).

3.—SCIENTIFIC COURSE.

This leads to the degree of Bachelor of Science, (B. S.)

FIRST YEAR.—Algebra and Geometry (5), English (3), Natural History Laboratory (2), Book-keeping (1), and any one of the following: Latin (4), Greek (4), French (3), German (3). Six lectures on Hygiene.

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Chemistry (3), Physiology, Zoology and Botany (3), Rhetoric and History (2), French or German (3).

THIRD YEAR.—Physics (3), Industrial and Agricultural Chemistry (3), Qualitative Analysis (2), Agricultural Botany (2), Business Law (1), Logic and Rhetoric (2), Surveying and Engineering or Calculus (3).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), and two electives, one out of each of the following groups: (a) Calculus (3), or Surveying and Engineering (3), or Quantitative Analysis (3); (b) English Literature (3), or Psychology, Moral Philosophy, Essays and Orations (3).

4.—TEACHERS' COURSE.

This course is intended to prepare young men to be teachers, either in the public or private schools. It em-

braces all the studies required by law to be mastered by public school teachers, and several others that are indispensable to excellence in teaching. Students pursuing this course may also select, free of charge, any studies embraced in the other courses. Certificates will be awarded those who complete the course.

FIRST YEAR.—English, Reading and Elocution, Arithmetic, Algebra, Geography (Physical and Descriptive), Physiology and School Hygiene, Drawing and Writing, Latin or Greek, Theory of Teaching.

SECOND YEAR.—Rhetoric, History, Reading and Elocution, Book-keeping, Surveying, Algebra, Geometry, Natural Philosophy, Business Law, Composition, Theory of Teaching.

OPTIONAL COURSES.

The Faculty earnestly advises students to pursue one of the regular courses. But in proper cases they are allowed to choose studies out of the courses, as may be deemed most advantageous, provided they have fifteen class exercises a week, whether lectures, recitations or laboratory practice.

An optional course once chosen must be adhered to for the session, unless for special reasons the Faculty allows a change. No student is permitted to take a course not deemed by the Faculty worthy of his time and efforts.

AGRICULTURAL STUDIES.

By availing themselves of an optional course, students, whose time and means are limited, may obtain purely agricultural instruction in branches deemed of special value. The Faculty recommends, however, that every sacrifice possible shall be made to secure a symmetrical education.

Efforts are making for the collection into a museum of the best models of plows and other agricultural implements to serve as models for the instruction of pupils. A considerable number is already on hand and others are expected. In this museum will be exhibited, likewise, specimens of the production of the soil of the various parts of the State.

CERTIFICATES.

A certificate of graduation is conferred upon those students who have passed approved examinations on certain subjects of study, (as per Outline of Instruction in the separate studies).-

DEGREES.

THE DEGREE OF BACHELOR OF ARTS is conferred upon those students who have passed approved examinations on the studies enumerated in the CLASSICAL COURSE.

THE DEGREE OF BACHELOR OF PHILOSOPHY is conferred upon those students who have passed approved examinations on the studies enumerated in the PHILOSOPHICAL COURSE.

THE DEGREE OF BACHELOR OF SCIENCE is conferred upon those students who have passed approved examinations on the studies enumerated in the SCIENTIFIC COURSE.

THE DEGREE OF MASTER OF ARTS will be conferred upon such students as have already taken the Degree of Bachelor of Arts and have pursued, with residence, a post-graduate course of one year in three distinct departments, passing satisfactory examinations thereon and submitting a suitable thesis.

THE DEGREE OF MASTER OF SCIENCE will be conferred on such students as have already taken the Degree of Bachelor of Philosophy or Bachelor of Science, and have pursued, with residence, a post-graduate course of one year in three distinct departments, passing satisfactory examinations thereon and submitting a suitable thesis.

THE DEGREE OF DOCTOR OF PHILOSOPHY will be conferred upon such students as have already taken the degree of Bachelor of Arts, Bachelor of Philosophy, or Bachelor of

Science, and have pursued, with residence, a post-graduate course extending over two years in two or three distinct departments, according to subjects chosen, passing satisfactory examinations thereon and submitting a suitable thesis.

The Baccalaureate degrees mentioned above must have been gained at the University of North Carolina, or satisfactory evidence must be given that the student is capable of pursuing the advanced courses.

OUTLINE OF INSTRUCTION

IN THE SEPARATE STUDIES FOR THE YEAR ENDING
JUNE, 1885.

The following detailed statement of the scope and plan of instruction in the separate studies taught in the University will exhibit more clearly the nature and extent of its work for the Collegiate year of 1884-'85. The additional appropriation by the General Assembly of \$15,000 per annum will enable the Trustees to increase largely the scope of instruction, especially in the departments of English Language and Literature, History, the Science and Art of Teaching, Modern Languages, Agricultural Chemistry and Mining, including Metallurgy, Pure Mathematics, Economic Geology, Zoology and Botany, Physics and Engineering.

The Trustees will, in June next or early in July, elect new Professors and assign their duties; whereupon due publication will be made of the action had.

POLITICAL ECONOMY, CONSTITUTIONAL AND INTERNATIONAL LAW.

PRESIDENT BATTLE.

In this Department the following instruction is given :

1. In Political Economy, besides the study of the text-book, are given lectures on various topics connected therewith, e. g., Public Bonds, Financial Bubbles and Crises—the condition of the country as proved by these crises, by commercial statistics and by the building of railroads, &c.,—the Law of Bills of Exchange and Promissory Notes, the History of Inventions in Picking, Spinning and Weaving Cotton, Coins of the United States and the principal nations, Weights and Measures, &c.

2. Constitutional and International Law. This study is preceded by a short course in the History of the Politics of the United States. A careful study of the Constitution of the State is given, and by lecture the successive stages of our constitutional history, beginning with the Proprietary Government, through the Colonial, the Provisional Government in the early stages of the Revolution, the Constitution of 1776, the Amendments of 1835, &c., the changes made by the attempt at secession, the Johnson and Congressional Reconstructions, the Constitution of 1868, and its successive amendments, together with the leading judicial decisions on constitutional questions.

The Constitution of the United States is taught by text-book, and by lectures. The facts and decisions in about fifty leading cases in the Supreme Court of the United States, involving great principles, are given.

3. Besides the above, a class in Business Law, i. e., such legal principles, civil and criminal, as every business man ought to know, has been formed and is well attended. These lectures, designed to furnish information concerning matters useful to all, whether or not intending to be lawyers, are, it is believed, peculiar to this institution.

4. The Science of Teaching is exhibited by lectures and text-book instruction to students that are preparing to teach, and to such others as desire to attend the class exercises.

Text-books last used : Cooley's Constitutional Law, Johnson's History of Politics, Swett's Science of Teaching, Gregory's Political Economy.

THE GREEK LANGUAGE AND LITERATURE.

PROFESSOR HOOPER AND MR. MCIVER.

FIRST YEAR.—*Four recitations weekly.*

Homer, Herodotus, Xenophon, Exercises in Composition.

SECOND YEAR.—*Four recitations weekly.*

Thucydides, Demosthenes and the Tragedians, Grecian History, Exercises.

THIRD YEAR.—*Two recitations weekly.*

Selections from Attic Orators, Dramatic Writers.

Among books of reference are Schlegel's Lectures, Thirlwall's and Grote's Histories, Schlieman's Explorations.

We aim to make exact scholars, and in doing so, to promote precision and clearness of thought. A student thus trained will, we believe, be able to appreciate the productions of classic art, and if gifted with genius, will be competent to execute the best intellectual work in any department.

THE LATIN LANGUAGE AND LITERATURE.

PROFESSOR WINSTON AND MR. WEILL.

The instruction is given by recitations and occasional lectures. It includes oral and written translations and criticisms of Latin authors, together with frequent practice in writing Latin. Instruction is given in Roman history and in classic mythology and antiquities. The general principles of comparative philology, with especial attention to the Latin verb and noun forms, as well as the philosophy of the subjunctive mood, are explained in a course of lectures.

The progress of the student is tested both by daily recitations and by frequent written examinations; and the final examinations, besides covering the work of the session, relate to passages not previously read by the class.

FIRST YEAR.—*Four recitations a week.*

Cicero, Livy, Grammar, Composition, History.

SECOND YEAR.—*Four recitations a week.*

Terence, Pliny, Tacitus, Horace, Composition, History, Lectures.

THIRD YEAR.—*Three recitations a week.*

Cicero, Tacitus, Juvenal, Persius, Quintillian, Horace, Latin Theses.

The Professor of Latin would be glad to advise with pupils preparing for college and not having the advantage of skilful teachers.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR MANGUM AND MR. MONROE.

In this department instruction is given in the Art of Expression, General History, Elocution, English Language, English Literature, Criticism and Oratory.

Text-books last used: D. J. Hill's Composition and Rhetoric. Anderson's History, Bancroft's Composition, Trench on Words, Fobes' Elocution, Lounsbury's English Language, Shaw's New History of English and American Literature.

Much of the time of the fourth year is devoted to independent work, out of the class-room. This work embraces the chronological study of representative authors after the thirteenth century, essays on special branches of the literature, and thorough criticism of noted writers and productions.

THE FRENCH LANGUAGE AND LITERATURE.

PROFESSOR HOOPER.

Three recitations weekly, for one year, are devoted to the study of the Grammar, including pronunciation, to the reading of Voltaire's Charles XII, and select plays from Racine, Corneille and Moliere. Attention is given to the idiomatic forms as compared with our own language and the Classics.

An optional course is arranged for a second year, embracing the master-pieces of the French Drama, specimens of Oratory, History and Poetry.

Books: DeVere's and Bolmar's Grammars.

THE GERMAN LANGUAGE AND LITERATURE.

PROFESSOR WINSTON.

FIRST YEAR.—*Three recitations a week.*

Comfort's Course, Whitney's Reader and Grammar.

SECOND YEAR.—*Three recitations a week.*

Schiller's Tell, Goethe's Faust.

Especial attention is paid to the comparative philology of the English and German Languages.

MENTAL AND MORAL SCIENCE.

PROFESSOR MANGUM.

The studies are, for the first year, Logic and Rhetoric; and for the second year, Psychology, Moral Science, and Christian Evidences.

Text-books last used: Hill's Jevons' Logic, Bancroft's Composition, Addison and Goldsmith, Munsell's Psychology, Wright's Logic of Christian Evidences, and Gregory's Christian Ethics.

With the class in Psychology pains is taken to lead the student to a practical knowledge of the various mental processes as they bear upon the duties and interests of life.

In the study of Moral Science supreme regard is paid to the data of Christianity as furnishing the only rational and acceptable philosophy of the life of duty. Hence, the first work in the department of Ethics presents the Christian Evidences in refutation of both the old and the recent theories of infidelity.

In all these studies the method of instruction is by text-book and lecture.

MATHEMATICS.

PROFESSOR GRAVES AND MR. COBLE.

FIRST YEAR.—*Five recitations a week.*

The studies are Algebra and Geometry.

Text-books: Newcomb's Algebra, Wentworth's Geometry.

SECOND YEAR.—*Four recitations a week.*

Construction and use of Tables of Logarithms, Plane and Spherical Trigonometry, with applications to Surveying, Heights and Distances, etc., Analytic Geometry.

Text-books: Newcomb's Trigonometry and Tables, Newcomb's Analytic Geometry.

THIRD YEAR.—*Three recitations a week.*

Solid Analytic Geometry, Differential and Integral Calculus.

Text-books: Venable's Notes on Solid Geometry, Williamson's Differential Calculus, Williamson's Integral Calculus.

Each student is constantly stimulated and assisted in his work, and his progress is tested by oral and written examinations.

Throughout the whole course great importance is attached to the solution of problems as the only way to insure a complete mastery of the subject.

To cultivate originality and precision, questions of greater difficulty are proposed for written solution.

GENERAL AND AGRICULTURAL CHEMISTRY.

PROFESSOR VENABLE.

There are two courses of study: a first year's course, consisting of lectures on General Chemistry and a second year's course, including Industrial and Agricultural Chemistry and work in the Qualitative Laboratory.

In the former, the class meets three times a week throughout the scholastic year. The facts and general principles of Chemistry are presented in the following order:

1. Chemical Physics.
2. The Chemistry of the Metals and Non-metals.
3. Organic Chemistry.

Instruction is given by text-books and lectures and is illustrated by numerous experiments.

In the second year's course lectures are given three times weekly on Industrial

Chemistry or the applications of Chemistry to the Arts and Manufactures. The latter part of the course is taken up by Agricultural Chemistry. The subjects treated of in the lectures on Industrial Chemistry will be: Metallurgy or extraction of metals from the ores; the manufacture of glass, porcelain and earthenware; foods, their production and adulteration; clothing, calico-printing, dyeing, bleaching, tanning of leather; building materials, artificial stone, cements, paints, preservation of wood; manufacture of candles, soap, ink, matches, &c.

In Agricultural Chemistry there will be discussed:

1. Chemical constitution of Plants.
2. Chemical constitution of Soils and Atmosphere.
3. Plant Food; nature, sources and application of Fertilizers.

In the laboratory work, which is included in this second year's course, the students spend six hours a week during the year in learning and practicing the methods of Qualitative Analysis. The object is to make them thoroughly familiar with the various substances of which they have heard in the first year's course and to enable them to determine qualitatively any ordinary unknown substance.

A deposit of \$10 is required at the beginning of the session to defray the cost of apparatus and chemicals.

Text-books and books of reference: Bloxam, Fownes, Roscoe and Schorlemmer, Fresenius' Qualitative Analysis, Wagner's Technology, Johnson's How Crops Grow and How Crops Feed.

ANALYTICAL CHEMISTRY.

PROFESSOR VENABLE AND MR. DESCHWEINITZ.

This study is designed to prepare students to become Analytical Chemists, Teachers of Chemistry or Druggists. The course occupies three years, though it can be completed in two if the student devotes the larger portion of his time to it. In the first two years the studies pursued are the same as those mentioned in the courses under General and Agricultural Chemistry. In the third, the class spends ten hours a week in the laboratory, and full instruction is given in Practical Chemistry, including the qualitative and quantitative analysis of ores, soils, manures, technical products, &c. Students are also encouraged to undertake original research.

CHEMICAL LABORATORIES.

Two large Laboratories, a Qualitative and a Quantitative, have been fitted up for the use of the classes. They are supplied with water and gas and all other essential appliances for the prosecution of scientific work.

MUSEUM.

For purposes of illustration in the various classes, a collection of Chemical, Industrial and Agricultural Products has been commenced, and it is hoped soon to make it quite full and valuable. Already some twelve hundred specimens have been secured.

GEOLOGY AND MINERALOGY.

PROFESSOR HOLMES AND MR. DESCHWEINITZ.

The instruction embraces three courses of study, viz: Mineralogy, General Geology, and Economic Geology, and occupies three hours per week during one year.

Mineralogy will be studied during the first term. Instruction will be given during the first part of the term in Crystallography and the chemical and physical properties of Minerals, and the remainder of the time will be devoted to laboratory work in Determinative Mineralogy.

General Geology occupies the first three months of the second term. The aim of this course is to present the general principles of the science. Physiography, Lithology, Structural Geology, Dynamical Geology, and Historical Geology will be studied in the order laid down.

Economic Geology occupies the remainder of the second term. The instruction in this course is devoted mainly to Geology in its relations to Agriculture and Mining, and will include a discussion of the origin and varieties of Soils, Mineral Manures, Building Materials, the nature and origin of Ore Deposits, and a few of the principles of Mining. Attention will be paid to the Economic Geology of North Carolina.

Text-books and books of reference: LeConte's Elements of Geology, Dana's Manual of Geology, Page's Economic Geology, Dana's Manual of Mineralogy and Lithology, Dana's System of Mineralogy, Geikie's Text-book of Geology.

ZOOLOGY.

PROFESSOR HOLMES.

The instruction includes courses in Physiology and Hygiene, General Zoology, and laboratory work in General Zoology and Economic Entomology.

Physiology and Hygiene occupies three hours per week during the first term. Special lectures will be given on School Hygiene.

General Zoology occupies three recitations and lectures per week during the first half of the second term.

The Laboratory course extends through the year. Each student taking the course will spend five or more hours per week in the dissection of typical forms of animals studied in General Zoology. During the last half of the second term the time will be devoted to a study of insects injurious to vegetation, and the laboratory work will be supplemented by lectures and excursions.

Text-books and books of reference: Dalton's Human Physiology, Marshall's Human and Comparative Physiology, Packard's Zoology, Orton's Comparative Zoology, Huxley's Anatomy of Vertebrated Animals, Huxley and Martin's Biology, Harris' Insects Injurious to Vegetation.

BOTANY.

PROFESSOR HOLMES.

The instruction is divided into two courses—a general course, including Physiological Botany, and an advanced course, including (a) Cryptogamic Botany, (b) Grasses and Forage Plants, (c) Vegetable Physiology.

Physiological Botany occupies three hours per week during the second half of the second term. The instruction is devoted to a study of the form, structure and function of the parts or organs of the plant. Each student will be required to do work in plant analysis during the term.

The advanced course occupies two hours per week during one year. The instruction will consist of lectures and laboratory work.

Cryptogamic Botany, including a study with the microscope of the lower forms of plants, will be taken up during the first session. Special attention will be paid to rust, smut and other fungi parasitic upon the field crops.

Grasses and forage plants will be studied during the first half of the second session. The time will be devoted to a consideration of the cereals and more important grasses, and valuable forage plants of other families.

Vegetable Physiology, or the life and growth of plants, will be taken up during the last half of the second term. Attention will be paid to the growth of the plant as affected by cultivation, different kinds of soil and fertilizers.

Text-books and works of reference : Gray's Lessons and Manual of Botany, Gray's Structural Botany, Bessey's Botany, Johnson's How Crops Grow and How Crops Feed, Sachs's Text-book of Botany.

LABORATORIES.

Two laboratories have been fitted up ; one for the use of students in Mineralogy and Geology, and another for the use of students in Zoology and Botany.

NATURAL PHILOSOPHY.

PROFESSOR GORE.

Instruction in this department extends over two years.

FIRST YEAR—PHYSICS.—This class meets three times a week throughout the session. Instruction is given by recitation from text-books, experiments and lectures. The first part of the course is devoted to the Mechanics of Solids, Liquids and Gases ; and is studied with special reference to the fundamental doctrines of Motion, Force and Energy, and to their applications to visible masses. Then Molecular Physics, including Sound, Light, Heat, Electricity and Magnetism, are taken up in succession and studied as forms of Energy.

The experiments made in the presence of the class constitute a very important part of the instruction.

SECOND YEAR—ASTRONOMY AND MECHANICS.—This class recites three times a week throughout the session. During the fall term it studies Astronomy, including Spherical and Practical Astronomy and Cosmical Physics. During the Spring term it studies Rational Mechanics, including Statics and Dynamics of a Particle, the Theory of Central Forces, and an introduction to Rigid Dynamics.

Text-books : Deschanel's Natural Philosophy, Newcomb and Holden's Astronomy, Todhunter's Mechanics.

SURVEYING AND ENGINEERING.

PROFESSOR GORE.

This course embraces :

1. SURVEYING.—Theory and use of Instruments, Measuring Land, Laying off and Dividing up Land, and Platting Surveys.

2. DRAWING.—Descriptive Geometry, Orthogonal and Oblique Projections, Projections of Shades and Shadows ; Working Drawings of Machines, of details used in Iron, Wood and Stone Constructions, and drawings of Roofs, Bridges and Buildings.

3. ENGINEERING.—The Survey of Roads and Streams, the Survey and Location of Railroads, Laying out Curves, Leveling, the Measurement and Calculation of Earth-work ; and all Railroad work up to the point of Actual Construction.

The department is well supplied with Surveying and Engineering Instruments and field practice is made an important feature of the Course.

SCHOOL OF LAW.

HON. KEMP P. BATTLE, LL. D., PRESIDENT.

HON. JOHN MANNING, A. M., LL. D., PROFESSOR.

This department contains two classes :

1. A class consisting of students who have no other connection with the classes of the University.

2. A class consisting of such students of other departments of the University as are allowed by the Faculty, in addition to their other studies, to pursue the study of the law.

While particular attention is directed to preparation for obtaining license to practice law in the courts of this State, the student will be invited to pursue a more extended course, and to obtain a broad and liberal knowledge of the law.

Wherever the law of North Carolina differs from that enunciated in the text-books, information is given of such difference and the reason therefor. Lectures are given from time to time on such subjects as have been greatly modified by our statutes, such as Marriage, Descent, Wills, Limitations, Exemptions from Executions, &c.

A Moot Court for the discussion of law questions, and for instruction in the practice of the courts, is regularly held by the Professor.

THE PLAN OF STUDIES comprises : (A) The course prescribed by the Supreme Court of the State for applicants for license to practice. (B) A course of study for those desiring to compete for the degree of Bachelor of Laws.

Text-books: (A) Blackstone's Commentaries, Washburn on Real Property, Schouler on Executors, Stephen on Pleading, Chitty's Pleading, Adams' Doctrine of Equity, 1st Greenleaf on Evidence, Smith on Contracts, Addison or Bigelow on Torts, Constitution of the United States and of North Carolina, Code of North Carolina, particularly the Code of Civil Procedure. (B) Parsons on Contracts, Pierce on American Railroad Law, Angell & Ames on Corporations, Willard's Equity Jurisprudence, Cooley's Constitutional Limitations, Wharton's Criminal Law, and Best's Principles of Evidence.

To complete the entire course will ordinarily require two years, at the end of which the degree of Bachelor of Laws will be conferred on such students as shall pass an approved examination.

Those joining class (A) during the course, standing an approved examination on the books already read, or their equivalents, will be allowed to compete for this degree.

The advantages offered by this school are: 1. The use of the University and Society libraries, amounting in the aggregate to over twenty-five thousand volumes. 2. The training to be derived from participation in the debates and other exercises of the two literary societies. 3. The opportunity afforded, on easy terms, of attending the lectures of the President and such other lectures as they may desire. 4. Freedom from temptation and the stimulant to study found in the University regulations, and in the atmosphere of study and of books pervading Chapel Hill.

TERMS, PAYABLE IN ADVANCE: For both courses, "A" and "B," \$150, for the course "A" for session of forty weeks, \$100; for the course "B" for session of forty weeks, \$100.

The summer course will begin July first and continue until the last Thursday in August. Two classes, Senior and Junior. Fees for Senior \$30.00, for Junior \$30.00, for both \$50.00.

Students will be received at any time and for any period. In such cases, reasonable deduction of tuition fees will be made.

The sessions and vacations of this department (except those of the summer course) are the same as those of the University.

SCHOOL OF MEDICINE AND PHARMACY.

THOMAS W. HARRIS, A. M., M. D.,

Professor of Anatomy, Materia Medica and Pharmacy.

JOSEPH A. HOLMES, B. AGR.,

Professor of Botany and Physiology.

F. P. VENABLE, PH. D.,

Professor of General, Analytical and Applied Chemistry.

FIRST YEAR.—Anatomy, Materia Medica and Therapeutics, three lessons per week.

Botany and Physiology.

General Chemistry, three lessons a week, with laboratory work.

SECOND YEAR.—Anatomy, Practice of Medicine, Surgery, Obstetrics, Analytical and Applied Chemistry. Laboratory work, six hours a week.

Dissection is made obligatory on students of anatomy. After the dissections are over, a short course on the operations of surgery is given. Students have the opportunity of making the operations for themselves.

The school is in the possession of a good supply of dissected models, made by the celebrated Dr. Auzoux, of Paris. These are of great service in illustrating the lessons in anatomy and physiology, when dissections are not practicable.

Text-books: Gray's Anatomy, Dalton's Physiology, Bartholow's Materia Medica and Therapeutics, Flint's Practice, Ashhurst's Surgery, Playfair's Obstetrics. Chemistry and Botany. (See those studies, pp. 25 and 28).

Students who spend two years at the Medical School of the University and study all the branches of medicine, may become candidates for graduation after one session at the medical colleges whose diplomas they may seek.

The sessions of the Medical School begin and end with those of the other departments of the University.

CHARGES:—Chemistry, including laboratory fee, \$30.00; Physiology and Botany, \$7.50; other branches, \$50.00 per year. Total, \$87.50 per year.

PHARMACY.

The course of study extends over two sessions of five months each, and includes:

Materia Medica and Pharmacy, by Dr. Harris.

Botany, by Prof. Holmes.

Chemistry—General, Analytical and Applied, by Prof. Venable.

The course in *Materia Medica* includes the study of drugs, their physical properties, physiological actions, and the actions of poisons and their antidotes.

In Pharmacy students are given theoretical and practical instruction in the art of preparing the various pharmaceutical compounds.

Text-books : Stille and Maisch, Parrish's Pharmacy.

Students who have attended the exercises of this school for two sessions of five months each, or who have attended one session at this school, with one session at some other recognized school of Pharmacy, and who shall stand an approved examination on all the studies of the course, will be entitled to **CERTIFICATES OF GRADUATION**. Those who have had three years' experience as drug clerks, in addition to the above requirements, will be entitled to the **Diploma and DEGREE OF GRADUATE OF PHARMACY**.

Diplomas will be given in exchange for certificates as soon as their possessors shall furnish satisfactory evidence of having the requisite experience in compounding drugs.

The charges are, for *Materia Medica* and Pharmacy, \$30.00 ; Botany, \$5.00 ; Chemistry (with laboratory fee), \$30.00.



UNIVERSITY NORMAL SCHOOL.

The University Normal School was regularly opened at Chapel Hill, June 17th, and closed July 17th, 1884.

THE FACULTY, OFFICERS AND INSTRUCTORS.

Hon. Kemp P. Battle, President.
 Prof. J. L. Tomlinson, Winston, Superintendent.
 Prof. E. V. DeGraff, Washington, D. C., Lecturer on Methods.
 Prof. A. L. Philips, Burgaw, teacher of Geography.
 Prof. T. J. Mitchell, Charlotte, teacher of Arithmetic and Algebra.
 Prof. A. Leazar, Mooresville, teacher of Grammar.
 Prof. J. H. Meyers, Lowville, N. Y., teacher of Primary Work.
 Dr. R. H. Lewis, Kinston, teacher of Physiology and Hygiene.
 Prof. F. P. Venable, Chapel Hill, Lecturer on Chemistry.
 Prof. J. W. Gore, Chapel Hill, Lecturer on Natural Philosophy.
 Prof. E. L. Harris, Raleigh, teacher of Drawing and Penmanship.
 Prof. H. E. Holt, Boston, teacher of Music.
 Prof. C. L. Wilson, Asheville, teacher of Music.
 Mrs. M. O. Humphrey, Goldsboro, teacher of Model Primary School.
 Miss Boice, Philadelphia, teacher of Reading.
 Mr. W. T. Patterson, Chapel Hill, Business Agent.
 Rev. C. C. Newton, Chapel Hill, Secretary.

STUDENTS ENROLLED.

Males	167
Females	138
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Total.....	305
Children in Model School.....	23

DONATIONS TO THE UNIVERSITY.

To the University Library.—By Hon. Wm. R. Cox, 2 speeches, Geological Survey for 1882, War of the Rebellion, 1 vol. Public Documents ; by Chas. E. Slocum, Syracuse, N. Y., "The Slocums of America ;" by Hon. Z. B. Vance, Report on testing Iron, Steel and other Metals ; by Department of Interior, Report of Board of Visitors of U. S. Military Academy, Annual Report of U. S. Civil Service Commission, current numbers of Alphabetical Lists of Patentees and Inventors, current volumes of Patent Office Official Gazette, many Pamphlets, 102 vols. of Public Documents ; by P. J. Kennedy, N. Y., Redpath's Talks about Ireland ; by Prof. J. A. Holmes, 215 copies of the Morning Star, N. C. Educational Journal, Monthly Report of the South Carolina Department of Agriculture, Bulletin of the U. S. Geological and Geographical Survey of the Territories, one copy of the London Quarterly Review, Bulletin of National Assembly of Wool Manufacturers ; by Jno. W. Lovell, N. Y., Past and Present ; by Boston Public Library, current numbers of its Bulletin ; Rev. Dr. Deems, Christian Thought ; by Johns Hopkins University, Programmes and Prospectuses ; by Geo. W. Tryon, Jr., Philadelphia, Manual of Conchology ; by many Colleges and Universities, Annual Catalogues, &c. ; by University of California, Catalogue of the Loan Book Association ; by Union Theological Seminary of Virginia, General Catalogue of Officers and Alumni ; by Mass. Agr. Experiment Station, Monthly Bulletins ; by E. L. Wakeman, Chicago, two number of the Current ; by T. Whitaker, N. Y., Defence of the Version of King James I ; by Richmond College, Dedication of Jeter Memorial Hall ; by the Astor Library, New York, 36th Annual Report of the Trustees ; by Ohio State Printers, Proceedings of the Ohio State Forestry Association ; by the War Department, many Maps of Battle Grounds, at request of Hon. D. R. Goodloe, 10 volumes Public Documents ; by Dr. C. W. Dabney, Jr., Picture of North Carolina Exhibit at Boston ; by Navy Department, 3 volumes of the American Ephemeris and Nautical Almanac ; by the Department of State, current numbers of Consular Reports, various Pamphlets, 2 vols. Fruit Culture in the several countries, Congressional Directory ; by Treasury Department, current Reports of the Chief of the Bureau of Statistics, Decisions of First Comptroller ; by A. R. Chisholm & Co., N. Y., current volumes of the Mining Record ; by Kansas State Agricultural College, current volume of the Industrialist ; by the American Missionary Association, N. Y., current volume of the American Missionary.

To the Law Library.—By Hon. C. R. Thomas, Rupell on Crimes, 2 vols., Criminal Law (Tomlin's Index), 1 vol., Cowper's Reports, 2 vols., Bush's Re-

ports, 1 vol., Saunders' Report, 3 vols., Modern Reports, 12 vols., Archibold's Nisi Prius, 2 vols., Williams on Executors, 2 vols., Williams on Conveyancing, 4 vols., Jeremy's Equity Jurisdiction, 1 vol., Barnes' Notes, 1 vol., Lilly's Entries and Pleadings, 2 vols., Story on Bills of Exchange, 1 vol., Story on Promissory Notes, 1 vol., Story on Bailments, 1 vol., Story on Agency, 1 vol., Story on Partnership, 1 vol., Keat's Commentaries, 4 vols., U. S. Statutes at Large, 1873—1875, 1 vol., Laws of N. C., 1852, 1 vol., Journal of Convention of 1861, 1 vol., Journal of Convention, 1868, 1 vol., Journals Extra Session, 1863-'4, 1 vol., Code of Civil Procedure (Tourgee), 1 vol., Journals of Senate and House, 1862-'3, 1 vol.; by State of North Carolina, Code of N. C. 2 vols., 90th N. C. Report, 1 vol., 89th N. C. Report, 1 vol., 91st N. C. Report; by State of South Carolina, 20th S. C. Reports, 1 vol.

To the Philanthropic Society.—By Alfred Feilds, Buffon's Natural History; by L. B. Grandy, Puckle's Conic Sections; by Commissioner McGehee, Report of N. C. Experiment Station for 1883; by Capt. S. A. Ashe, Report of N. C. Press Association; by Jas. A. Bryan, S. C., Error's Chain, Plane and Spherical Trigonometry, Dana's Geology; by John Lovell & Co., Past and Present; by H. H. Ransom, Sincere Christian, Alfred Cumbermede; by Prof. A. W. Mangum, the author, Address to Young Men; by Senator Ransom, 5 volumes Land Laws, &c.; by Vernon Long, History of Tacitus; by Houghton, Mifflin & Co., Longfellow Calendar; by A. J. Field, Richmond in By-gone Days, Mineral Resources of Virginia; by Col. J. A. Sloan, "The Guilford Grays."

To the Dialectic Society.—By Hon. Z. B. Vance, War of the Rebellion, vols. V, VI, VII, VIII, IX, X and XI of Land Laws of the United States, Existing Land Laws, and the Public Dominion; by Rev. A. W. Mangum, Chapel Hill, N. C., Your Life Work: What shall it be? an Address to Boys and Young Men; by John W. Lovell, Past and Present; by Miss Lillian Arnold, a Crayon Portrait of Gen. A. M. Scales, Governor of North Carolina; by Maj. Tucker; a Portrait of himself; by University Magazine, one Album; by Col. J. A. Sloan, "The Guilford Grays."

To the Reading Room.—By the Publishers and friends: Justice, N. Y., State Chronicle, Raleigh Register, Daily Workman, Greensboro Patriot, Asheville Citizen, Biblical Recorder, North Carolina Presbyterian, Durham Recorder, The Daily Reporter, Person County Courier, Educational Weekly, Ind., Journal of Education, Mass., The American Teacher, Mass., The Watchman, Mass., Raleigh Christian Advocate, The Church Messenger, The Daily Review, The School Journal, N. Y., The Danbury Reported-Post, Franklinton Weekly, The Watch-Tower, The Church, Philadelphia, Transcript Messenger, Ashboro Courier, The Concord Register, Carteret Telephone, Durham Tobacco Plant, The Novelist, N. Y.

CATALOGUE OF STUDENTS, 1884-'85.

POST-GRADUATE STUDENTS.

BATTLE, HERBERT BEMERTON	Chem. and Ag.	Raleigh.
	B. S., (Univ. of N. C., '81).	
COBLE, ALBERT LUCIEN	Law	Alamance.
	A. B., (Univ. of N. C., '81).	
DESCHWEINITZ, EMILE ALEXANDER	Chem. and Geol.	Salem.
	A. B., (Univ. of N. C., '82).	
FAISON, HENRY ELIAS	Const. Law, Pol. Econ. and Hist.	Clinton.
	A. B., (Univ. of N. C., '80).	
MCALISTER, ALEX. WORTH	Const. Law, Pol. Econ. & Hist.	Bingham School.
	A. B., (Univ. of N. C., '82).	
OSBORNE, THOS. SAMUEL	Law	Asheville.
	A. B., (Univ. of N. C., '84).	
RANSOM, ROBERT	Law	Weldon.
	A. B., (Univ. of N. C., '80).	
ROBERTS, JAMES COLE	Chemistry	Newbern.
	Ph. B., (Univ. of N. C., '84).	
STAYHORN, JOHN THOMAS	Law	Hillsboro.
	A. B., (Univ. of N. C., '83).	
THOMAS, CHAS. RANDOLPH, JR.	Con. Law, Pol. Ec., Hist.	Newbern.
	A. B., (Univ. of N. C., '81).	
TURRENTINE, SAMUEL BRYANT	Con. Law, Pol. Ec., Hist.	Hillsboro.
	A. B., (Univ. of N. C., '84).	
WHITE, RICHARD STREET	Law	Bladen.
	B. S., (Univ. of N. C., '82).	

FOURTH YEAR STUDENTS—(SENIORS.)

BUTLER, MARION	Cl.	Huntley.
BRYAN, JAMES ALEXANDER	Ph.	Spartanburg, S. C.
ELLER, ADOLPHUS HILL	Cl.	Mouth of Buffalo.
FAUST, EDWIN MICHAEL	Cl.	Columbia Factory.

	<i>Fr.</i>	<i>Soc.</i>	
FEILD, ALEXANDER JONES	Cl.,	Φ	Ridgeway.
GOODMAN, ERASTUS GENAIR	Ph.,	Φ	Town Creek.
HILL, ATHERTON BARNES	<i>KA</i> Ph.,	Φ	Scotland Neck.
HOWARD, GEORGE, JR.	<i>A.T.Q.</i> Ph.,	Φ	Tarboro.
JACKSON, MAX	<i>Z.V.</i> Ph.,	Φ	Fayetteville.
LATHAM, HEBER AMOS	Ph.,	Φ	Greenville.
LONG, AUGUSTUS WHITE	Cl.,	Φ	Chapel Hill.
MANGUM, ERNEST PRESTON	<i>Z.Y.</i> Cl.,	<i>Δ</i>	Chapel Hill.
MANN, JULIAN SMITH	<i>KA</i> Cl.,	Φ	Middleton.
MCIVER, BERRIE CHANDLER	<i>Z.A.E.</i> Cl.,	<i>Δ</i>	Sanford.
MCNEILL, DANIEL HECTOR	Cl.,	<i>Δ</i>	Winder.
MONROE, JAMES RANDLETT	<i>Z.Y.</i> Cl.,	Φ	Fayetteville.
NEAL, RICHARD SMITH	<i>Φ.Δ.Θ.</i> Ph.,	Φ	Scotland Neck.
NEWMAN, JOHN URQUHART	Ph.,	Φ	Suffolk, Va.
NORRIS, WALTER LEE	Sc.,	Φ	Apex,
POLLOCK, WILLIAM DURWARD	Ph.,	Φ	Kinston.
RIDDICK, WALLACE CARL	<i>KA</i> Cl.,	Φ	Raleigh.
SCULL, ST. LEON	Sc.,	Φ	Harrellsville.
WARD, ALFRED DECATUR	Ph.,	Φ	Joford.
WEILL, SOLOMON COHEN	<i>Z.Y.</i> Cl.,	<i>Δ</i>	Wilmington.
WEST, JESSE FELIX	Ph.,	Φ	Waverly, Va.
<i>Z.C. 7.</i>	<i>Φ</i>	<i>17</i>	

THIRD YEAR STUDENTS—(JUNIORS.)

BATTLE, LEWIS JUNIUS	<i>ΦKΣ</i> Ph.,	<i>Δ</i>	Raleigh.
BYNUM, OLIVER CLEGG	<i>Z.A.E.</i> Cl.,	<i>Δ</i>	Bynum.
CARROLL, WM. HOUSTON	<i>Φ.Δ.Θ.</i> Cl.,	Φ	Magnolia.
CLINE, EDWARD BOST	<i>M.E.</i> Cl.,	<i>Δ</i>	Hickory.
COX, PIERRE BAYARD	<i>KA</i> Cl.,	Φ	Raleigh.
DIXON, FRANK	<i>KA</i> Cl.,	<i>Δ</i>	Shelby.
DUNSTON, WALTER SEATON	Ph.,	Φ	Creswell.
GILMER, ELLISON LINDSAY	<i>KA</i> Ph.,	<i>Δ</i>	Greensboro.
GRANDY, CHARLES TAYLOR	<i>Z.Y.</i> Ph.,	Φ	Shiloh.
GRANDY, LUTHER BELL	<i>Z.Y.</i> Ph.,	Φ	Oxford.
GRAVES, STEPHEN PORTER	<i>Z.A.E.</i> Ph.,	<i>Δ</i>	Mt. Airy.
GRIMES, JOHN BRYAN	Ph.,	Φ	Washington.
HOLLEMAN, SILAS ALVIN	Ph.,	<i>Δ</i>	Williams' Mills.
JACKSON, HERBERT WORTH	<i>A.T.Q.</i> Ph.,	<i>Δ</i>	Asheboro.
JACKSON, SAMUEL SPENCER	<i>ΦKΣ</i> Cl.,	<i>Δ</i>	Pittsboro.
JENKINS, JOSEPH JOHN	Cl.,	<i>Δ</i>	Riggsbee's Store.
LEIGH, JOHN HENRY JACOBS	Sc.,	Φ	Durant's Neck.
LITTLE, FRANK MILTON	Ph.,	<i>Δ</i>	Wadesboro.
MANNING, PIERRE BEAUREGARD	Cl.,	Φ	Sunbury.

	<i>Trial.</i>		<i>Society</i>	
MOREHEAD, JOHN MOTLEY	<i>KA</i>	Cl.,	<i>ΔC</i>	Charlotte.
PATRICK, GEORGE LANE		Sc.,	<i>Φ</i>	Kinston.
PATTERSON, GILBERT BROWN	<i>ΣAE</i>	Cl.,	<i>ΔC</i>	Shoe Heel.
PATTERSON, FRANK FRIES	<i>ATR</i>	Ph.,	<i>ΔC</i>	Salem.
RICE, HENRY WILLIAM	<i>ΦKΣ</i>	Cl.,	<i>Φ</i>	Raleigh.
RUFFIN, STERLING	<i>ATR</i>	Cl.,	<i>ΔC</i>	Wilson.
SHIELDS, MALCOM MCGILVARY	<i>ME</i>	Cl.,	<i>ΔC</i>	Carthage
SELF, WILLIAM AUGUSTUS	<i>ME</i>	Cl.,	<i>ΔC</i>	Newton.
SCHENCK, JOHN FRANKLIN	<i>KA</i>	Ph.,	<i>ΔC</i>	Cleveland Mills.
THOMAS, JAMES		Cl.,	<i>Φ</i>	Newbern.
UZZELL, KIRBY SMITH		Sc.,	<i>Φ</i>	Goldsboro.
UZZELL, ROBERT LEE		Sc.,	<i>Φ</i>	Goldsboro.
WEEKS, STEPHEN BEAUREGARD		Cl.,	<i>Φ</i>	Elizabeth City.
WILSON, ADOLPHUS ERWIN	<i>KA</i>	Sc.,	<i>ΔC</i>	Morganton.
WILSON, NATHAN HUNT DANIEL, JR.	<i>ΔC</i>	Cl.,	<i>ΔC</i>	Greensboro.
WRIGHT, CLEMENT GILLESPIE	<i>KA</i>	Cl.,	<i>ΔC</i>	Greensboro.
<i>ΔC... 21. Φ... 14</i>				

SECOND YEAR STUDENTS—(SOPHOMORES.)

BAKER, JOSEPH HENRY, JR.	<i>ΦKΣ</i>	Cl.,	<i>Φ</i>	Tarboro.
BAKER, THOMAS ATKINSON	<i>ΦKΣ</i>	Sc.,	<i>Φ</i>	Tarboro.
BOGGAN, WILLIAM KENDALL		Ph.,	<i>ΔC</i>	Wadesboro.
BOURNE, LOUIS MILTON	<i>ΦKΣ</i>	Cl.,	<i>Φ</i>	Tarboro.
BURWELL, ROBERT TURNBULL	<i>KA</i>	Ph.,	<i>Φ</i>	Raleigh.
CLEGG, THOMAS DAVID		Sc.,	<i>ΔC</i>	Silk Hope.
CRAIG, BRAXTON		Sc.,	<i>Φ</i>	Chapel Hill.
DOCKERY, CLAUDIUS	<i>ΣAE</i>	Ph.,	<i>ΔC</i>	Mangum.
GILL, EDWIN JAMES	<i>ATR</i>	Ph.,	<i>ΔC</i>	Laurinburg.
GREENE, HERBERT LINWOOD	<i>ME</i>	Ph.,	<i>ΔC</i>	Wilkesboro.
GREENLEE, ROBERT LEE		Sc.,	<i>ΔC</i>	Greenlee.
GRISSOM, ROBERT GILLIAM	<i>KA</i>	Ph.,	<i>Φ</i>	Raleigh.
HACKETT, RICHARD NATHANIEL		Ph.,	<i>ΔC</i>	Wilkesboro.
HESTER, ST. CLAIR		Cl.,	<i>Φ</i>	Kittrell.
HUSKE, KIRKLAND	<i>ΦKΣ</i>	Cl.,	<i>Φ</i>	Fayetteville.
JOHN, MAXCY LUTHER	<i>ΣAE</i>	Cl.,	<i>ΔC</i>	Laurinburg.
JOHNSON, JACOB COART		Ph.,	<i>Φ</i>	Johnson's Mills.
LONG, VERNON W.		Ph.,	<i>Φ</i>	Chapel Hill.
MCDONALD, WILLIAM H.	<i>ΦΔΘ</i>	Cl.,	<i>ΔC</i>	Raleigh.
MCGEEHEE, LUCIUS POLK	<i>KA</i>	Cl.,	<i>Φ</i>	Raleigh.
MCGUIRE, JAMES		Ph.,	<i>ΔC</i>	Mocksville.
MCIVER, JOHN FENELON	<i>ME</i>	Cl.,	<i>ΔC</i>	Winder.
MEWBORN, WILLIAM EDGAR		Ph.,	<i>Φ</i>	Kinston.
MORRIS, JOSEPH ALGERNON		Cl.,	<i>Φ</i>	Wilton.
PARKER, HAYWOOD	<i>ΦKΣ</i>	Cl.,	<i>Φ</i>	Enfield.

Real. Society

PERSON, WILLIE MANGUM	Ph.,	Franklinton.
PETERSON, MATT RANSOM	Cl.,	Clinton.
PHILBECK, JOSEPH BEATTIE	Cl.,	Newhouse.
RANSOM, HENRY HUNTT	Cl.,	Newbern.
SAUNDERS, ELIJAH BEATTIE	Ph.,	Lilesville.
SAUNDERS, JAMES BURRELL	Ph.,	Lewiston.
SCHAFFNER, HENRY FRIES	Ph.,	Salem.
SIMMONS, ALBERT MARCHANT	Cl.,	Fairfield.
SMITH, CLAUDIUS FERDINAND	Cl.,	Coxville.
STARBUCK, HENRY REUBEN	Cl.,	Winston.
TUCKER, WM. R	Ph.,	Raleigh.
WILKINSON, WILLIAM STRONACH	Cl.,	Tarboro.
WILSON, DELONZA TATE	Cl.,	Hobton.
WILSON, STEPHEN PENDER	Sc.,	Shawboro.

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Φ... 22

FIRST YEAR STUDENTS—(FRESHMEN.)

ALEXANDER, JOHN WILSON	Ph.,	Charlotte.
AMBROSE, SHERIDAN A	Sc.,	Hertford.
ATKINSON, JOHN WILDER	Cl.,	Wilmington.
ATKINSON, WADE HAMPTON	Sc.,	Hara's Store.
BATCHELOR, OLIVER DOUGLAS	Cl.,	Nashville.
BATTLE, WILLIAM JAMES	Cl.,	Chapel Hill.
BRYANT, VICTOR SILAS	Ph.,	Pineville.
CORNELIUS, WILLIAM HENRY	Sc.,	Statesville.
COSTNER, ROBERT EDWIN	Sc.,	Lincolnton.
CRUMP, JOHN PAUL	Sc.,	Danville.
DAIL, WILLIAM JACKSON BEAUREGARD	Sc.,	Snow Hill.
DAVIS, HAYNE	Cl.,	Statesville.
EDWARDS, LUTHER BELL	Cl.,	Henderson.
ENGELHARD, JOHN COTTON	Ph.,	Raleigh.
ESKRIDGE, THOMAS J	Ph.,	Shelby.
EZZELL, ROBERT FREDERICK	Ph.,	Pineville.
GATTIS, ROBERT LEE	Ph.,	Belle Voir.
GIDNEY, SAMUEL ELEAZAR	Cl.,	Shelby.
GRISSOM, EUGENE	Cl.,	Raleigh.
HARPER, FRANCIS MARION	Ph.,	Kinston.
HEADEN, WILLIAM EDWARDS	Cl.,	Pittsboro.
HEDRICK, JAMES DAWSON	Ph.,	Wilmington.
HOLT, ROBERT LACY	Ph.,	Graham.
HUGHES, ISAAC WAYNE	Cl.,	Chocowinity.
LEWIS, HENRY WATSON	Cl.,	Lewiston.

	<i>Fratt.</i>	<i>Society</i>	
LITTLE, WILLIAM MYERS	<i>SAE</i>	<i>ΔC</i>	Little's Mills.
LONDON, HENRY ADOLPHUS	<i>SAE</i>	<i>ΔC</i>	Pittsboro.
MARSHALL, THOMAS ASHE	<i>ΦΔΘ</i>	<i>ΔC</i>	Wadesboro.
MARTIN, JULIUS C	<i>ME</i>	<i>ΔC</i>	Briar Creek.
MASSEY, CHARLES WESLEY		<i>Φ</i>	Durham.
MCNEILL, MALCOM DANIEL	<i>ME</i>	<i>ΔC</i>	Union Church.
ODELL, OSCAR CHARLES	<i>ME</i>	<i>ΔC</i>	Dallas.
PALMER, MALVERN HILL		<i>Φ</i>	Greenbacks.
PATTON, JOHN WEBSTER		<i>Φ</i>	Company Shops.
PRIVOTT, HAYWOOD COLLINS		<i>Φ</i>	Edenton.
PUGH, FRANK SLADE		<i>Φ</i>	Hamilton.
RINTELS, DAVID WALLACE		<i>ΔC</i>	Charlotte.
ROWE, HOWARD MAY		<i>Φ</i>	Black Creek.
SCHENCK, DAVID		<i>ΔC</i>	Greensboro.
SHAW, ALEXANDER CLIFTON	<i>ΦΔΘ</i>	<i>ΔC</i>	Rockingham.
SLOCUMB, WM. RUFUS KING		<i>ΔC</i>	Clinton.
SULLIVAN, RUFUS BEAUREGARD	<i>ME</i>	<i>ΔC</i>	Lincolnton.
TALLY, JUNIUS BRUTUS	<i>Dead 1888</i>	<i>Φ</i>	Ore Hill.
THOMAS, FREDERICK DUNCAN		<i>Φ</i>	Newbern.
THORP, BENONI		<i>Φ</i>	Berea.
TYSON, BENJAMIN FRANKLIN		<i>Φ</i>	Greenville.
WILSON, WILLIAM ALBERT	<i>ME</i>	<i>ΔC</i>	Sutherland.
WITHERS, EUGENE PARKER	<i>ME</i>	<i>ΔC</i>	Danville, Va.

ΔC . . . 29. *Φ* . . . 19.

OPTIONAL STUDENTS.

BARDEN, JEFFERSON DAVIS	1st year	<i>Φ</i>	Wilson.
BALLENTINE, JAMES ERASTUS	1st year	<i>Φ</i>	Varina.
BARKER, JOHN ALEXANDER	1st year	<i>Φ</i>	Whiteville.
BEAMER, PETER ROBERT	2d year	<i>ΔC</i>	Dobson.
BRIGHT, WM. RANSOM	1st year	<i>Φ</i>	Chocowinity.
CANNADY, SAMUEL HILMON	1st year	<i>KA</i>	Wilton.
COX, BERAH THADDEUS	1st year	<i>Φ</i>	Coxville.
COX, JOHN DAVID	3d year	<i>Φ</i>	Coxville.
CROMARTIE, NEILL	1st year		Gravel Hill.
DAVIS, THOMAS ATKINSON	2d year	<i>Φ</i>	Wilson.
DIXON, HENDERSON McCAMIE	4th year	<i>ME</i> <i>ΔC</i>	Query.
EDMONSON, WM. ELAM	1st year	<i>SAE</i> <i>ΔC</i>	Morganton.
ERWIN, JOSEPH ERNEST	1st year	<i>ΔC</i>	Morganton.
FARMER, JOSHUA BARNES	2d year	<i>Φ</i>	Wilson.
FARMER, WM. MOSES	2d year	<i>Φ</i>	Wilson.
FEARINGTON, JOSEPH PEYTON	1st year	<i>ΔC</i>	Belle Voir.

<i>First.</i>	<i>Society</i>	
FOSTER, JRMES LEE.....	1st year	Δ Union Ridge.
GIDNEY, CHARLES CHAUNCEY.....	1st year	Δ Shelby.
HARWOOD, S. PATTON.....	1st year	Robbinsville.
HENDRIX, JOHN ADDISON.....	1st year	Δ Jerusalem.
HORD, GEORGE JACOB V. B. <i>ME</i>	1st year	Δ Shelby.
KENNEDY, MCINTYRE.....	2d year	Δ Caledonia.
KEOGH, THOMAS SAWYER <i>KA</i>	2d year	Δ Greensboro.
KESTLER, JOHN WESLEY <i>ME</i>	1st year	Δ Concord.
KOONCE, ANDREW JACOB.....	1st year	Δ Elkin.
KOONCE, WM. MICHAEL.....	1st year	\emptyset Trenton.
LITTLE, JULIAN HAMPTON <i>2 J F</i>	1st year	\emptyset Little's Mills.
LYNCH, LEANDER WILLIAMS.....	1st year	Δ Rutherfordton.
MANNING, ISAAC HALL <i>J N S</i>	3d year	\emptyset Chapel Hill.
MC EACHIN, WALTER DEBERNIERE <i>EAE</i>	1st year	Δ Laurinburg.
McKINNON, GRAHAM <i>J P O</i>	1st year	Δ Plainview.
McRAE, AULAY SILVESTER <i>ME</i>	1st year	Δ Mt. Gilead.
McRAE, SAMUEL HINSDALE <i>AT R</i>	1st year	\emptyset Fayetteville.
MORRIS, JOHN MANLY.....	1st year	\emptyset Wilton.
MOSER, ROBERT WILLIAM.....	2d year	Δ Monroe.
NEWTON, CHRISTOPHER COLUMBUS.....	3d year	\emptyset Chapel Hill.
REECE, WINSTON LEWELLIN <i>ME</i>	1st year	Δ Booneville.
RICHARDSON, ALFRED SMITH.....	1st year	\emptyset Whiteville.
ROBERSON, WM. STONE.....	1st year	\emptyset Chapel Hill.
RUFFIN, WILLIAM CAIN <i>AT R</i>	1st year	Δ Hillsboro.
STEELE, GEORGE S.....	1st year	Δ Rockingham.
STRICKLAND, EDWARD FOUNTAIN.....	3d year	Δ Bliss.
THOMPSON, JAMES REDFORD.....	2d year	Δ Cedar Cliff.
WADE, THOMAS.....	2d year	\emptyset Rich Square.
WINDSOR, WILLIAM SANFORD.....	1st year	Δ Williamsburg.
WOMACK, FRANCIS <i>2 A E</i>	2d year	Δ Pittsboro.
WOODLEY, DANIEL EDGAR.....	1st year	\emptyset Columbia.
WOODARD, LEONIDAS POLK.....	2d year	\emptyset Wilson.

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STUDENTS IN LAW.

ALLEN, ETHAN ARCHIBALD.....	Δ	Newton Grove.
BECKWITH, SIDNEY THOMAS.....	\emptyset	Lake Landing.
BRUTON, JOHN FLETCHER.....		Greensboro.
BARDEN, JEFFERSON DAVIS.....	\emptyset	Wilson.
BUTLER, MARION.....	Δ	Huntley.
CLARKSON, HERIOT.....	Δ	Charlotte.
COBLE, ALBERT LUCIEN.....	Δ	Alamance County.
DORTCH, WILLIAM THEOPHILUS, JR.....	\emptyset	Goldsboro.

FINCH, EDWARD FRANKLIN.....	Δ_c	Lexington.
GRIFFITH, ENOCH ALEXANDER.....	Δ_c	Winston.
HINES, JOEL.....	ϕ	Pender County.
HOOKE, JOSEPH JOHN.....	ϕ	Chatham County.
KENNEDY, MCINTYRE.....	Δ_c	Cameron.
KING, GEORGE BADGER.....	ϕ	Falkland.
MCCLAMMY, HERBERT.....	Δ_c	Scott's Hill.
OSBORNE, THOMAS SAMUEL.....	Δ_c	Asheville.
RANSOM, ROBERT.....	ϕ	Weldon.
REECE, DARETT MANLY.....	Δ_c	Booneville.
REECE, WINSTON LEWELLIN.....	Δ_c	Booneville.
STRAYHORN, JOHN THOMAS.....	Δ_c	Hillsboro.
WHITAKER, THOMAS D.....	ϕ	Scotland Neck.
WHITE, RICHARD STREET.....	ϕ	Elizabethtown.
WILDER, THOMAS BONNER.....	ϕ	Louisburg.
WOLFE, ROWLAND VANCE.....	Δ_c	Asheville.
WOOD, JOHN WHITAKER.....	ϕ	Scotland Neck.
WOODARD, SIDNEY ALBERT.....	ϕ	Black Creek.
WOODSON, BYRON.....	ϕ	Richmond, Va.

STUDENTS IN MEDICINE AND PHARMACY.

CANNADY, SAMUEL HILMAN.....	Δ_c	Wilton.
FEARINGTON, JOSEPH PEYTON.....	Δ_c	Bel Voir.
GRIMES, WILLIAM THOMAS.....	ϕ	Hamilton.
JONES, CLARENCE DUPREE.....	Δ_c	Hillsboro.
KOONCE, ANDREW JACOB.....	Δ_c	Elkin.
MANNING, ISAAC HALL.....	ϕ	Chapel Hill.
MCRAE, SAMUEL HINSDALE.....	ϕ	Fayetteville.
MOORE, YANCEY DAVIS.....	ϕ	Point Caswell.
STRICKLAND, EDWARD FOUNTAIN.....	Δ_c	Bliss.

SUMMARY.

Post-Graduate Students.....	12
Fourth Year Students—(Seniors).....	25
Third Year Students—(Juniors).....	35
Second Year Students—(Sophomores)	39
First Year Students—(Freshmen).....	49
Optional Students.....	47
Law Students	27
Students in Medicine and Pharmacy.....	9
	<hr/> 243
Names counted twice.....	14
Total.....	<hr/> 229

HONORARY DEGREES CONFERRED, JUNE, 1884.

DOCTORS OF LAWS (LL. D.)

Hon. THOMAS J. JARVIS.....	North Carolina.
Hon. AUGUSTUS S. MERRIMON.....	North Carolina.
EDWARD WARREN, Bey, M. D.....	Paris, France.

DOCTORS OF DIVINITY (D. D.)

Rev. N. COLLIN HUGHES.....	Chocowinity.
Rev. JOHN S. WATKINS.....	Raleigh.
Rev. ^{John} JOHN L. WOOD.....	Trinity College.

MASTER OF ARTS (A. M.)

WILLIS ALSTON, M. D.....	Littleton.
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ADDITIONAL LAW STUDENT.

JOSEPHUS DANIELS..... Wilson.

Total Matriculates, 230.

DEGREES CONFERRED IN COURSE, JUNE, 1884.

BACHELORS OF ARTS, (A. B.)

HAMER, MISSOURI ROBERT	Δ	Little Rock, S. C.
OSBORNE, THOMAS SAMUEL	Δ	Asheville.
RANDALL, WILLIAM GEORGE	Δ	Table Rock.
TURRENTINE, SAMUEL BRYANT	Δ	Orange county.
WARLICK, LEE MARTIN	Δ	Lincolnton.

BACHELORS OF PHILOSOPHY, (PH. B.)

BORDEN, JOHN LEMUEL	Δ	Goldsboro.
GATTIS, SAMUEL MALLETT	Δ	Orange county.
HARRIS, ANDREW JACKSON	Δ	Oxford.
HAWES, JESSE BOWDEN	Δ	Wilmington.
LOVE, JAMES LEE	Δ	Gastonia.
MILLER, JAMES DANIEL	Δ	Kinston.
MONROE, EDWARD DANIEL	Δ	Gaston county.
ROBERTS, JAMES COLE	Δ	Newbern.
ROUSE, THOMAS RICHARD	Δ	LaGrange.
WHITE, BENJAMIN FRANKLIN	Δ	Bertie county.
WOOD, JULIAN	Δ	Edenton.

HONORS, 1883-'84.

VALEDICTORY ORATION.

LOVE, JAMES LEE	Δ	Gastonia.
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CLASSICAL ORATION.

WARLICK, LEE MARTIN	Δ	Lincolnton.
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GREEK MEDALS.

MONROE, EDWARD DANIEL, (Scholarship)	Δ	Fayetteville.
RICE, HENRY WM	Δ	Raleigh.
THOMAS, JAMES, (Scholarship)	Δ	Newbern.
WEEKS, STEPHEN BEAUREGARD, (Scholarship)	Δ	Elizabeth City.
JENKINS, JOSEPH JOHN, (Improvement)	Δ	Riggsbee's Store.

PHILLIPS' MATHEMATICAL PRIZE.

LITTLE, FRANK MILTON.....Δ.....Wadesboro.

WORTH PRIZE.

TURRENTINE, SAMUEL BRYANT.....Δ.....Hillsboro.

CHEMISTRY MEDAL.

ROBERTS, JAMES COLE.....ATR.....Φ.....Newbern.

REPRESENTATIVE MEDAL.

LONG, AUGUSTUS WHITE.....Δ.....Chapel Hill.

MANGUM MEDAL.

LOVE, JAMES LEE.....Δ.....Gastonia.



